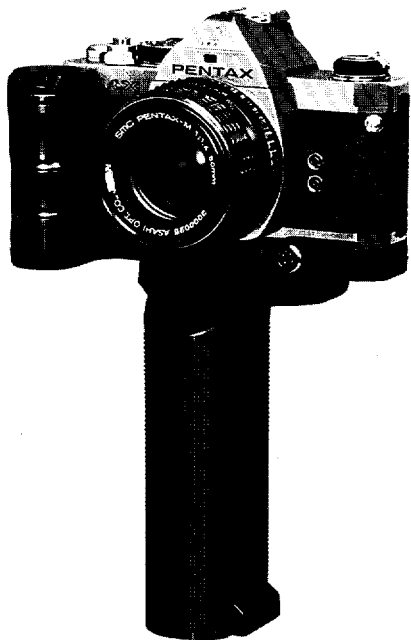


**ASAHI  
PENTAX**

**MOTOR DRIVE  
IMDX**



## **ASAHI PENTAX MOTOR DRIVE MX**

Motor Drive MX is designed exclusively for use with the Asahi Pentax MX camera. The unit can be used with all shutter speeds, other than Bulb (1/1000 - 1 sec.), and the motorization rate has a steplessly variable range of 0.5 - 5 fps with all shutter speeds shorter than 1/30 second (1/1000 - 1/60 sec.). Moreover, three power sources are available: penlight batteries via Battery Grip M, rechargeable nickel cadmium batteries via Ni-Cd Battery Pack M, the normal AC household power supply via Power Pack M. Motorization up to 5 fps is still possible with the Pentax MX when using Dial Data MX or the Bulk Film Magazine Back. Battery Grip M, Ni-Cd Battery Pack M, and Power Pack M can also be used with the Pentax K2 DMD Motor Drive MD unit. For detailed instructions on the Pentax MX, refer to the instruction manual supplied with the camera. Since this manual covers not only Motor Drive MX, but its related accessories, no additional instructions are supplied with optional accessories. Care should therefore be taken not to lose this manual.

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## SPECIFICATIONS

<b>Power Source:</b>	<b>Battery Grip M</b> 12 alkaline or manganese penlight batteries (18 V) supply sufficient power to transport 100 or more rolls of 36-exposure film. <b>Ni-Cd Battery Pack M</b> One charge of 14.4 V battery pack sufficient for 40 or more 36-exposure rolls. <b>Power Pack M</b> <ul style="list-style-type: none"><li>● AC household power supply</li><li>● Single-Frame Mode (S)</li><li>● Sequential Mode (High = 0.5 - 5 fps) (M - L = 0.5 - 3.5 fps, steplessly varied)</li></ul>
<b>Operating Modes:</b>	Subtractive type with automatic stop at zero.
<b>Exposure Counter:</b>	Found on Motor Drive MX Grip, Battery Grip M, Ni-Cd Battery Pack M, and Power Pack M.
<b>Release Button:</b>	
<b>Usable Shutter Speeds:</b>	All shutter speeds except B; 1/1000 - 1 sec. in single-frame mode and M - L settings of sequential mode; 1/1000 to 1/60 sec. at H sequential mode setting.
<b>Confirmation LED:</b>	Red LED illuminates to confirm release of shutter and transport of film.
<b>Tripod Socket:</b>	Found on base plate of Motor Drive MX and Ni-Cd Battery Pack M.

**Dimensions & Weight:**

**MX body + Motor Drive MX**

141.5mm L x 95.5mm H x 70mm D, 727g

**MX body + Motor Drive MX + Battery Grip M**

141.5mm L x 239mm H x 78mm D, 1,158g (w/batteries)

**MX Body + Motor Drive MX + Ni-Cd Battery Pack M**

141.5mm L x 118.6mm H x 77mm D, 927g (w/battery)

**Accessory:**

3m Power Cable M

**Optional Accessories:**

- Battery Grip M
- Ni-Cd Battery Pack M
- Charge Pack M (should be purchased together with Ni-Cd Battery Pack M)
- Power Pack M (w/AC cord)
- Remote Trigger Connector M (3m)
- 10m Power Cable M

**Charge Pack M & Power**

**Pack M Voltage:**

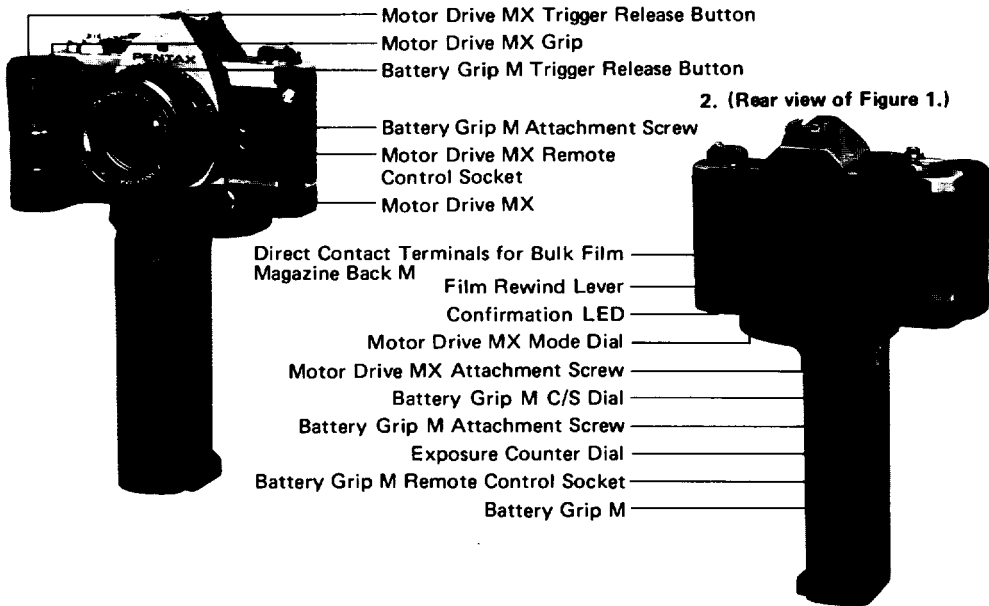
100V (± 10%)

**MX Optional Accessories:**

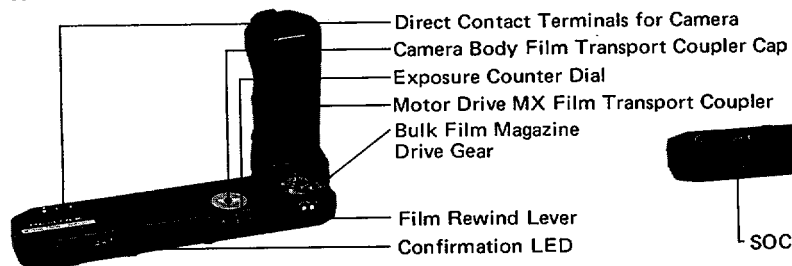
- Bulk Film Magazine Back (250 ex.)
- Dial Data MX

## NOMENCLATURE

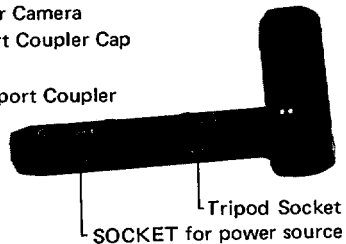
### 1. MX + Motor Drive MX + Battery Grip M



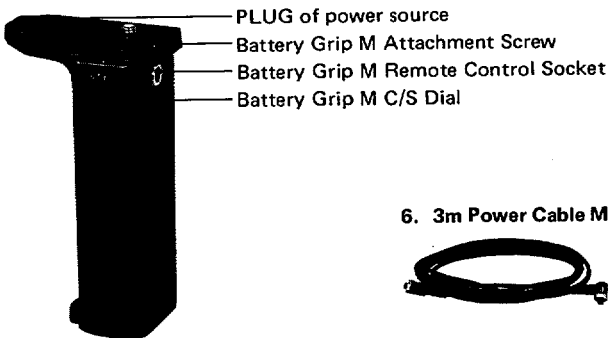
### 3. Motor Drive MX



### 4. (Underside of Figure 3.)



### 5. Battery Grip M (optional accessory)



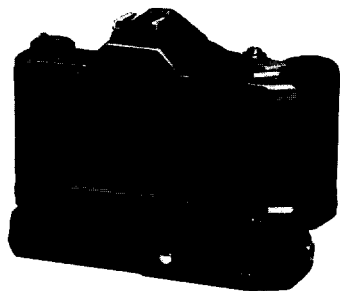
### 6. 3m Power Cable M



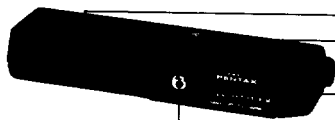
**7. MX + Motor Drive MX + Ni-Cd Battery Pack M**



**8. (Rear view of Figure 7.)**



**9. Ni-Cd Battery Pack M (optional accessory)**



- PLUG of power source
- Ni-Cd Battery Pack M Attachment Screw
- Ni-Cd Battery Pack M Remote Control Socket
- Ni-Cd Battery Pack M C/S Dial
- Ni-Cd Battery Pack M Release Button

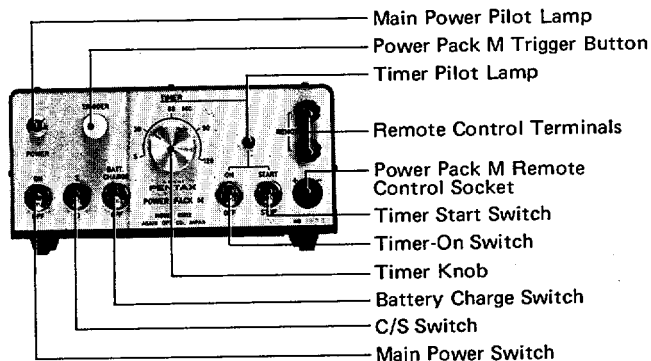
**10. (Underside of Figure 9.)**

Ni-Cd Battery Pack M Attachment Screw  
(w/built-in Tripod Socket)

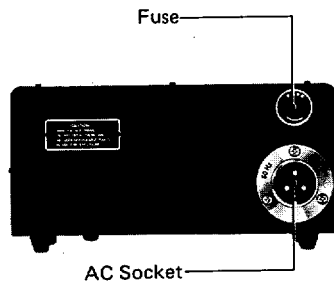




**11. Power Pack M (optional accessory)**



**12. (Rear view of Figure 11.)**



**13. Charge Pack M (optional accessory)**



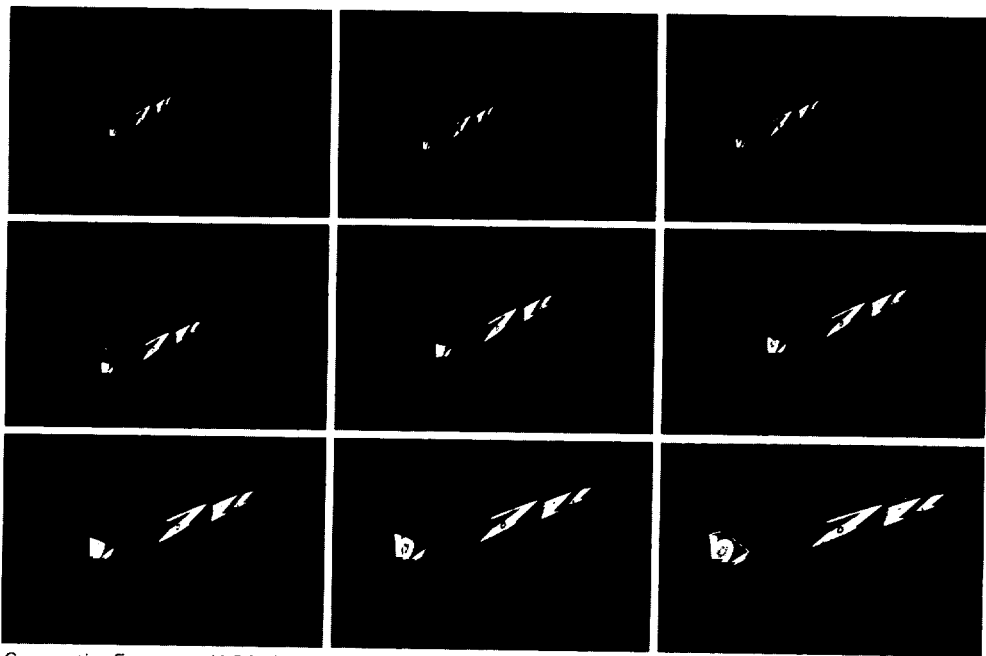
**15. 10m Power Cable M (optional accessory)**



**14. AC Cord**

**16. Remote Trigger Connector M (optional accessory)**





Consecutive Exposures (4.5 fps) taken with Motor Drive MX: SMC Pentax 300mm f/4, 1/1000 sec. at f/11, Tri-X.

## CHOOSING THE POWER SOURCE

To assist you in choosing from the available power sources, the advantages of each are indicated below.

### **Battery Grip M**

- Even if batteries are depleted during a shooting session, they can be replaced with fresh ones in a few moments time. Thus, no valuable time is lost. In contrast to the above, it takes approximately 6 hours to fully recharge Ni-Cd Battery Pack M.
- Since penlight batteries are easy to obtain and quite portable, one is always assured of a reliable source of power.
- Battery Grip M provides sufficient energy to transport 2.5 X more film than Ni-Cd Battery Pack M (approximately 100 rolls versus 40 rolls of 36-exposure film).

### **Ni-Cd Battery Pack M**

- Its compact size and light weight offer maximum handling ease and mobility, making it ideal for action. Furthermore, using the vertical format of the picture area is just as easy as using the horizontal format.
- Weighing 20% less than Battery Grip M, there is less likelihood of growing tired with prolonged use.
- Easily fits into a camera bag.

- An economical solution for those doing a great deal of motorized shooting. Since Ni-Cd Battery Pack M can be recharged approximately 300 times it will furnish sufficient energy to transport about 12,000 rolls of film (300 x 40). The cost of Ni-Cd Battery Pack M, then, represents only a fraction of the cost of batteries necessary to transport the same amount of film.

- For heavy shooting work it is also handy to carry two Ni-Cd battery packs in order to continue shooting with one while the other is charging.

### **Power Pack M**

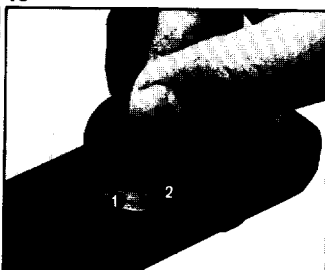
- Because it operates on the ordinary AC power supply, up to 250 exposures (when using the Bulk Film Magazine Back) can consecutively be taken without fear of power failure or interruption.
- By utilizing the built-in Timer of Power Pack M, unmanned operation is possible.
- As the most economical power source, it is ideal for the laboratory.
- It assures stable voltage characteristics.

## ASSEMBLY

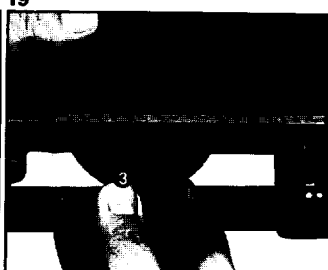
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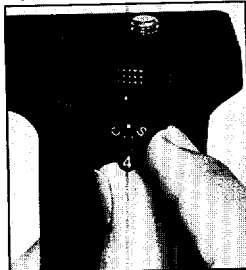


**Fig. 17** Remove the Camera Body Film Transport Coupler Cap ❶ by rotating it counterclockwise with a coin.

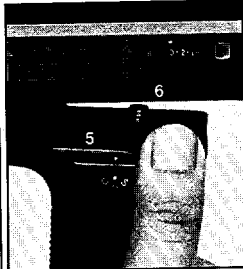
**Fig. 18** To prevent losing it, place the cap ❶ into the receptor ❷ of Motor Drive MX, locking it into place with a coin.

**Fig. 19** Attach Motor Drive MX securely to the camera by screwing the Motor Drive MX Attachment Screw ❸ into the Tripod Socket of the camera.

20



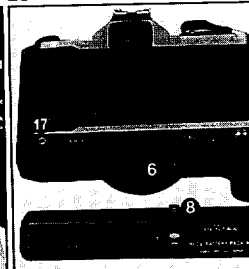
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23



### Attaching Battery Grip M

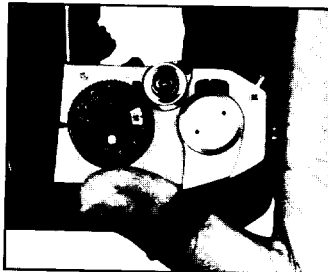
**Fig. 20** Be sure to set the C/S Dial to OFF (align both green dots).

**Fig. 21** Insert the Battery Grip M Attachment Screw ⑤ into the Tripod Socket ⑥ of Motor Drive MX, and securely attach the grip by rotating the Attachment Screw clockwise.

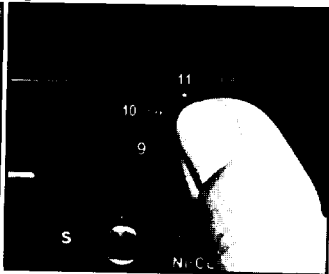
### Attaching Ni-Cd Battery Pack M

**Fig. 22-23** Insert a coin into the grooves of the head of the Ni-Cd Battery Pack M Attachment Screw ⑦, aligning the tip of the screw ⑧ with the Tripod Socket ⑥ of Motor Drive MX, and securely attach Ni-Cd Battery Pack M by rotating the Attachment Screw clockwise.

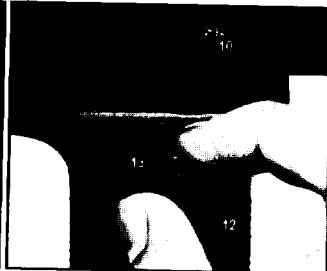
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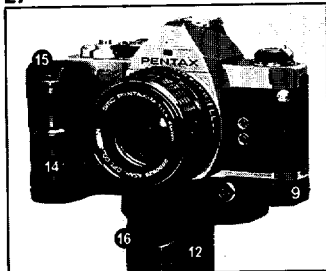


**Fig. 24** Load the MX with film and shoot two blanks as you normally would when working without Motor Drive MX.

**Fig. 25** Rotate the Exposure Counter Dial ⑩ of Motor Drive MX clockwise aligning the figure which indicates the maximum number of exposures possible (e.g. 36 or 20) with the Alignment Dot ⑪.

● **Note:** It is desirable to shoot the initial blank exposures manually in order to verify that the film is traveling through the camera properly by observing the counterclockwise rotation of the Film Rewind Knob. In this instance, the motor drive's Exposure Counter Dial will not advance. However, when desiring to shoot the blanks with the motor drive unit, set the Exposure Counter Dial to 2, and squeeze the Trigger Release Button of Motor Drive MX until the Exposure Counter Dial indicates 0 (zero), at which point Motor Drive MX will automatically stop. Next, proceed as explained in the text for Fig. 25.

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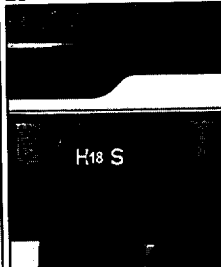


### Using Battery Grip M

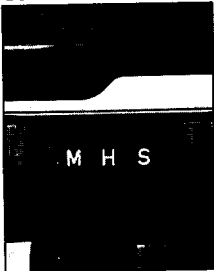
**Fig. 26** Set the C/S Dial ⑮ of Battery Grip M ⑫ to either C (Consecutive Exposures) or S (Single-Frame Exposure). The C/S Dial also serves as the power switch, setting the dial to the central green dot (OFF) will turn off the power and prevent accidental operation of the motor drive unit.

**Fig. 27** Motor Drive MX ⑩ may be operated by either of the two Trigger Release Buttons. The first Trigger Release Button is found at the top ⑬ of the Motor Drive MX Grip ⑪, and the second at the neck ⑯ of Battery Grip M ⑫. When operating Motor Drive MX, the Confirma-

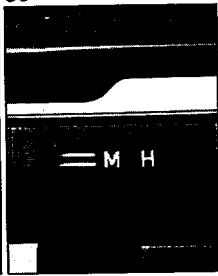
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tion LED (fig. 23, ⑰) will flash, in confirmation, as the shutter is tripped and the film transported.

**Fig. 28 - 31** When using the Trigger Release Button of the Motor Drive MX Grip ⑪ set the Motor Drive's Mode Dial ⑮ to the desired setting. "S" is for single-frame exposure. Approximate operating speeds of the H and M thru L settings with the shutter dial set at 1/60 sec. are as follows:

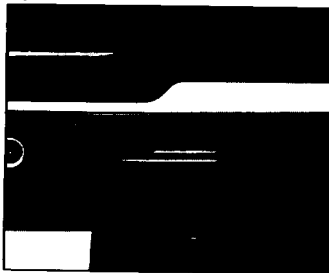
H = High, 5 fps

M = Medium, 3.5 fps

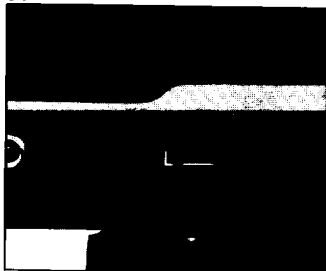
L = Low, 0.5 fps (one every two seconds)

The rate of sequential operation varies from maximum to minimum when the dial is set between

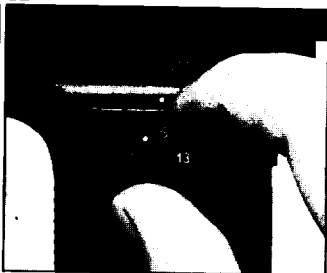
30A



31



32



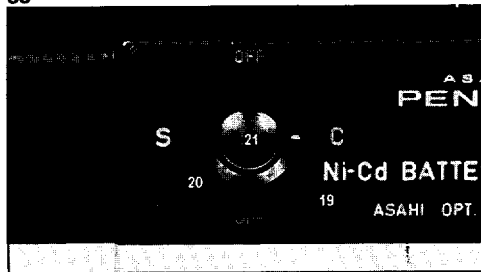
medium and low. When using shutter speeds of  $1/30$  sec. or longer ( $1/30 - 1$  sec.), irrespective of the H, M, L and in-between settings of the Mode Dial, the sequential frame-per-second rate will accord with the shutter speed being used. One can not shoot at 5 fps, for example, when the Shutter Speed Dial is set to  $1/2$  second.

When using the Trigger Release Button of the Motor Drive MX Grip, it makes no difference whether the Battery Grip M C/S Dial  $\text{Ⓢ}$  (Fig. 32) is set to S or C, for Single-Frame or Consecutive Exposure operation is always determined by the setting of the C/S Dial belonging to the same unit as the Trigger Release Button in use.

B (Bulb) can not be used. If Motor Drive MX is operated with the Shutter Speed Dial set to B, a T (Time) exposure will result. To close the shutter at such a time, set the Shutter Speed Dial to  $1/15$  sec. or above ("faster"). When this is done, the shutter will close, the film will be transported, and the motor drive unit will stop.

**Fig. 32.** When using the Trigger Release Button of Battery Grip M  $\text{Ⓢ}$  (Fig. 27) with the Battery Grip M C/S Dial  $\text{Ⓢ}$  set to S, Single-Frame Exposure will result, regardless of the setting of





the Motor Drive MX Mode Dial ⑩ (Fig. 28 - 31). When the Battery Grip M C/S Dial ⑪ is set to C and the Battery Grip M Trigger Release Button is squeezed, Consecutive Exposures will result, the rate of which will be determined by the setting of the Motor Drive's Mode Dial ⑩ (if the dial ⑩ is set to S, a consecutive exposure rate of HIGH will result).

#### Using Ni-Cd Battery Pack M

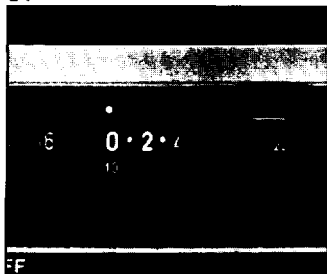
Fig. 33 The Ni-Cd Battery Pack M ⑬ functions in the same manner as Battery Grip M. The Ni-Cd Battery Pack M C/S Dial ⑭ is operated exactly as the Battery Grip M C/S Dial ⑪ .

•17

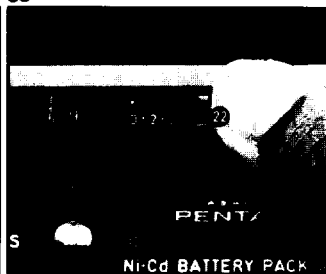
In the center of the Ni-Cd Battery Pack M C/S Dial is the Ni-Cd Battery Pack M Release Button ⑮ which corresponds to the Battery Grip M Trigger Release Button ⑯ . During Single-Frame Exposure operation, the shutter is tripped as soon as the Ni-Cd Battery Pack M Release Button ⑮ is depressed, and immediately upon releasing pressure from the button ⑮ , the film is transported. (It is perfectly acceptable to remove your finger from the Release Button ⑮ even during operation of the shutter).

• **Note:** Bear in mind that when desiring to shoot Consecutive Exposures at a high rate (e.g. 3 - 5 fps), a shutter speed of 1/60 sec. or shorter (1/1000 - 1/60 sec.) must be used. For even if the Motor Drive MX Mode Dial is set to H (5 fps), when using a long speed such as 1/2 sec., the film will be transported at less than 2 fps (1/2 sec. exposure + time to transport film + 1/2 sec. = more than 1 sec.).

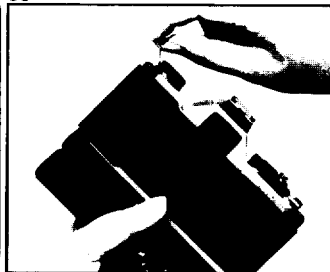
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36



### Rewinding the Film

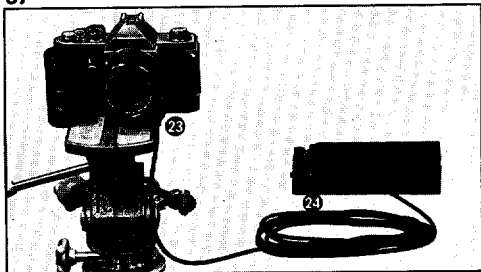
**Fig. 34** After exposing the roll of film, the Exposure Counter ⑩ will indicate 0 (zero), at which point Motor Drive MX will automatically stop.

**Fig. 35** At that time, slide the Film Rewind Lever ⑫ of Motor Drive MX ⑨ slightly to the left and then push it upward. Doing so will push up the Film Rewind Button of the camera body, allowing you to rewind the film.

**Fig. 36** Rewind the film in the same manner as you would when not using Motor Drive MX. (There is no need to maintain pressure on the Film Rewind Lever ⑫ when rewinding.)

## USING A TRIPOD OR COPY STAND

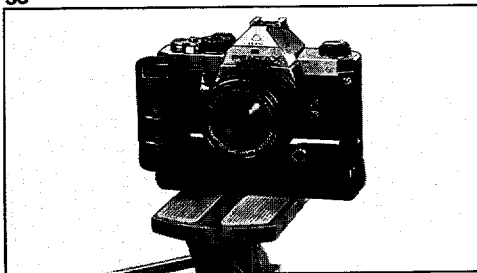
37



### With Battery Grip M

**Fig. 37** Insert one of the plugs of 3m Power Cable M, or 10m Power Cable M (optional accessory), into the Motor Drive MX Remote Control Socket ④ and the other plug into the Battery Grip M Remote Control Socket ④. The two plugs of Power Cable M are of different design (Conventional Plug & Right-Angle Plug), either of which can be inserted into Motor Drive MX or Battery Grip M; insert the more convenient of the two into the camera. Attach Motor Drive MX to a tripod via its Tripod Socket (visible in Fig. 4).

38



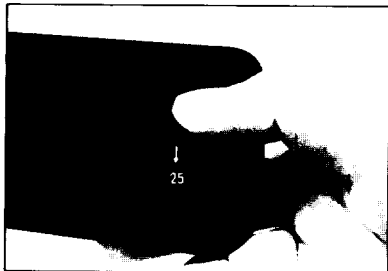
However, Motor Drive MX can not be directly attached to a copy stand. The shutter may be released with either the Trigger Release Button of Motor Drive MX or Battery Grip M. Operation of the respective C/S Dials is as explained in the text for Figs. 28 - 31.

### With Ni-Cd Battery Pack M

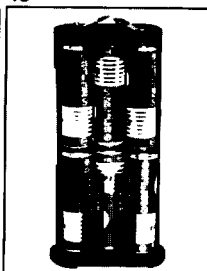
**Fig. 38** Ni-Cd Battery Pack M is extremely convenient to use as it can be directly attached to a tripod or copy stand via its Tripod Socket (shown in Fig. 10) without the need for utilizing Power Cable M.

## BATTERIES

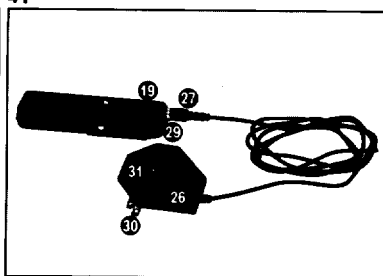
39



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41



### Loading Battery Grip M

Battery Grip M is not equipped with provision for Battery Check, but as the end of battery life nears, the transport of the film will grow progressively sluggish. When this occurs, change batteries at the earliest possible moment.

**Fig. 39** Press the Battery Loader Release Lever ② in the direction of the arrow to remove the Battery Loader (Fig. 40). Insert 12 1.5 V Manganese or alkaline penlight batteries into the Loader, taking care that the plus and minus poles match those of the diagram provided in the Battery Loader.

### Recharging Ni-Cd Battery Pack M

With the Ni-Cd Battery Pack M also, the film transport will grow progressively sluggish as the voltage drops. At this time, recharge the Battery Pack at the earliest opportunity. It can be recharged with the accessory Charge Pack M or Power Pack M (which is discussed later).

**Fig. 41** The battery of Ni-Cd Battery Pack M can be recharged approximately 300 times.

To recharge first set the battery pack's C/S dial ① to either C or S. Then, insert the plug ③ of Charge Pack M ④ into the Remote Control Socket of Ni-Cd Battery Pack M ⑤ (groove of plug facing up). Secure the plug in position with

the Lock Ring ⑩ . Next, insert the wall plug ⑩ of Charge Pack M into an outlet, set the C/S Dial to either C or S and the red Charge Lamp ⑨ will illuminate, indicating that the Battery Pack is being charged. It takes 6 hours to recharge a completely discharged Battery Pack. Avoid overcharging the Battery Pack (8 hours or longer).  
**Ni-Cd Battery Pack M Precautions**

1. Maximum battery life is approximately 3 years (regardless of whether it is used or not).
2. It can be recharged approximately 300 times.
3. Even a fully charged battery will slowly discharge of its own accord when not being used for a long period of time. Consequently, test before using, and always try to use Ni-Cd Battery Pack M as soon as possible after recharging.
4. Use only Charge Pack M or Power Pack M for recharging. If overcharged (8 hours or longer), battery performance and life will diminish.
5. Recharging should take place in a temperature range of 0 - 40°C, with room temperature being the ideal. If recharging is attempted at excessively high temperatures, the battery will not be sufficiently charged and its performance will falter. Moreover, attempting to recharge the battery in temperatures either exceeding or falling below the 0 - 40°C range will shorten battery life.

●21

6. When storing the Battery Pack avoid high temperatures and high humidity. The 10 - 25°C range is ideal for storing.

7. Discharging the battery after an extended period of non-use will shorten battery life. Be sure to regularly charge and discharge the battery (at least once every other month) to maintain battery life and performance.

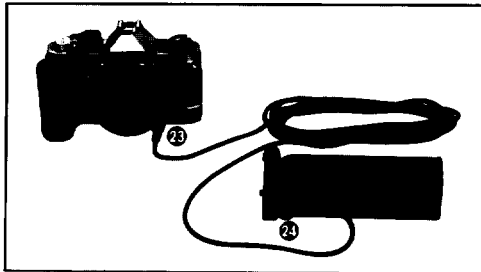
8. Do not attempt to replace the battery of Ni-Cd Battery Pack M yourself. After discharging the Battery Pack approximating 300 times, consult with an authorized Asahi Pentax representative.

**Precautions when Working in Low Temperatures**

When subjected to low temperatures, batteries lose some of their voltage which may lead to improper functioning of Motor Drive MX. When using penlight batteries, use fresh ones, and when using Ni-Cd Battery Pack M, use it soon after it has been sufficiently recharged. Malfunctioning due to battery use at low temperatures will correct itself when the batteries return to normal temperature. When working at extremely low temperatures, keep the batteries as warm as possible.

## REMOTE CONTROL

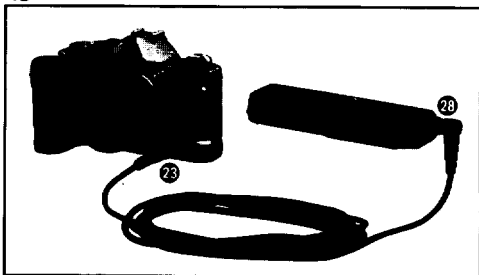
42 Within 10m



### With Battery Grip M

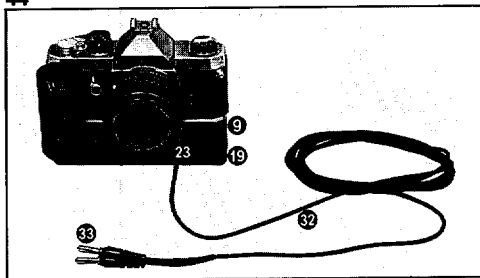
**Fig. 42** For remote control operation, attach the plugs of the 3m Power Cable M, or 10m Power Cable M (optional accessory), into the Motor Drive MX Remote Control Socket ⑬ and the Battery Grip M Remote Control Socket ⑭. At this time, the shutter can be tripped with the Trigger Release Button of either Motor Drive MX or Battery Grip M.

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### With Ni-Cd Battery Pack M

**Fig. 43** Attach the plugs of 3m Power Cable M, or 10m Power Cable M (optional accessory), into the Motor Drive MX Remote Control Socket ⑬ and the Ni-Cd Battery Pack M Remote Control Socket ⑯ and remote control operation will be possible. At this time, the shutter can be tripped with the Trigger Release Button of either Motor Drive MX or Ni-Cd Battery Pack M.



**Fig. 44** For remote control operation with Ni-Cd Battery Pack M ⑱ attached directly to Motor Drive MX ⑨, attach the plug of the Remote Trigger Connector M ⑳ (3m optional accessory) into the Motor Drive MX Remote Control Socket ㉓ or the Ni-Cd Battery Pack M Remote Control Socket ㉔ (Fig. 43). When this is done, Motor Drive MX can be operated remotely by bringing the two contacts ㉕ of the Remote Trigger Connector together (electrically shorting the Remote Trigger Connector cable). The Remote Trigger Connector M can also be used in conjunction with Battery Grip M.



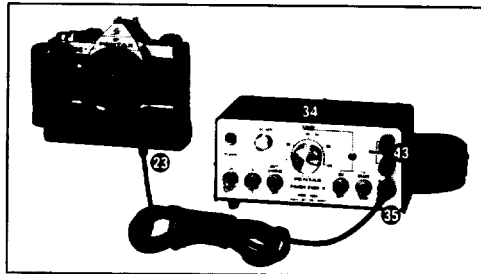
An ordinary household electrical cable (double cord) can be connected to the contacts ㉕ of Remote Trigger Connector M ㉔ and Motor Drive MX can then be operated remotely by shorting the two cords at the opposite end of the double cord extension. In this manner, it is possible to operate the camera remotely by distances of up to several hundred meters, opening up exciting possibilities in the world of remote control photography.

## POWER PACK M APPLICATIONS

### Power Pack M. Applications

1. As an AC power source.
  2. As a timer with 5 - 120 sec. time delay possible, as well as consecutive exposures at fixed intervals possible.
  3. As a remote control power source.
  4. As a means of recharging Ni-Cd Battery Pack M.
- As seen from the previous pages dealing with remote control photography, Power Pack M is not necessary for remote control operation; however, when the remote control power source is AC, Power Pack M is required. Thus, it simultaneously serves for applications No. 1 & 4 above. Concerning application No. 5, Ni-Cd Battery Pack M can also be recharged by its accessory Charge Pack M.

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#### • As an AC Power Source

Fig. 45 Insert the plugs of 3m (or 10m) Power Cable M into the Motor Drive MX Remote Control Socket ② and the Remote Control Socket ③ of Power Pack M ④. The use of the Remote Terminals ⑤ is explained later.



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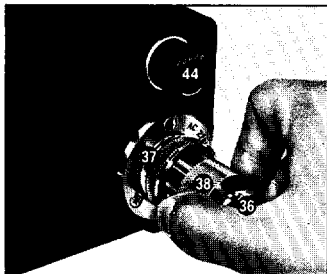
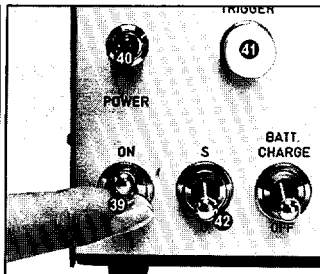


Fig. 46 After removing the cap from the AC Socket ④ found at the rear of Power Pack M, insert the AC Cord ⑥ and secure it into place with the AC Cord Lock Ring ⑤ . Next, plug the AC Cord into an outlet.

As a protective measure, Power Pack M is provided with a fuse ⑦ .

Fig. 47 When the Main Power Switch ③ is set to ON, the Main Power Pilot Lamp ④ will illuminate. When operating Motor Drive MX via the Power Pack M Trigger Button ① , be sure to first set the C/S Switch ② to the desired mode.

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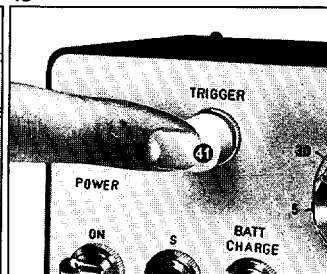
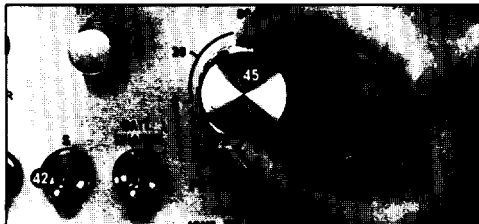


Fig. 48 Operate Motor Drive MX by its own Trigger Release Button ① (Fig. 27) or the Trigger Button of Power Pack M ① . However, always remember that Single-Frame (S) or Consecutive Exposure (C) operation is determined by the C/S dial or switch belonging to the unit to which the Trigger Button being used is attached.

## AS A TIMER

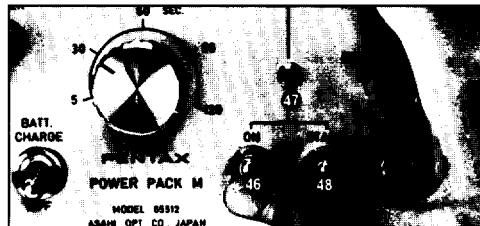
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**Fig. 49** To use the timer, first plug in the AC Cord ⑥ and turn on the Main Power Switch ⑨. The position of the C/S Switch ⑩ does not matter. The Timer Knob ⑪ can be set to any position to provide a stepless range of time delay, from 5 to 120 seconds. Set the knob to the approximate time desired.

**Fig. 50** Set the Timer Switch ⑬ to ON and the red Timer Pilot Lamp will illuminate. Next, set the Timer Start Switch ⑭ to START and the shutter will be tripped after the predetermined time elapses. Following the initial exposure, after 50% of the predetermined time passes, the film will be transported, and after 100% of the predetermined time elapses, the second exposure will be made. This procedure is then automatically

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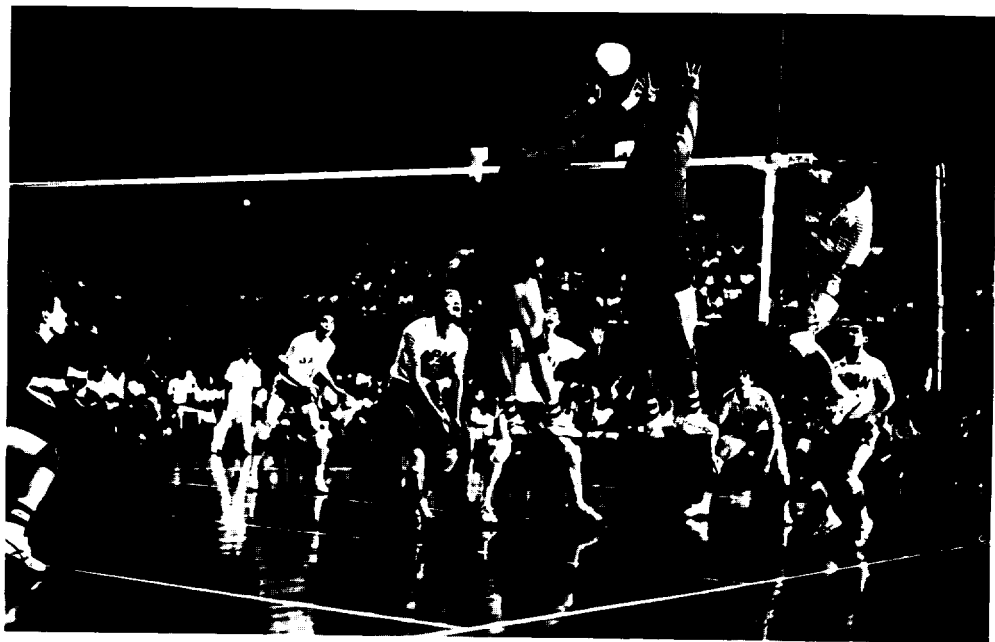


repeated until the Timer Start Switch ⑭ is set to STOP.

● **Note:** If the film is not advanced and the shutter is not cocked before the Timer Start Switch ⑭ is set to START, the shutter will not be tripped at the moment the predetermined time is reached for the first time; however, during the second cycle the film will be advanced after 50% of the time elapses, and the shutter tripped after 100% of the predetermined time passes. After this point, the timer will function normally, the cycle repeating itself until the Timer Start Switch is set to STOP, or the end of the film is reached, at which point Motor Drive MX will automatically stop.

A television screen photographed at 60-second intervals with the Pentax MX, Motor Drive MX, and Power Pack M.





## AS A REMOTE CONTROL POWER SOURCE

### Remote Control

As previously explained, Motor Drive MX can be operated remotely up to 10m by utilizing the Trigger Button ④ of Power Pack M. When desiring to exceed the 10m limitation, connect an ordinary double cord cable to the Remote Terminals ⑤ and use it as a Remote Trigger Connector. Motor Drive MX is operated by shorting the two cords at the opposite end of the cable (see Fig. 44). In this manner, an extension of several hundred meters in length can be connected to Power Pack M.

**Note:** The timer cannot be used during extended remote control operation.

### Exposure Read-Out

When the Trigger Release Button of Motor Drive MX is halfway depressed, the Exposure Read-Out LED's of the Pentax MX will illuminate, making it possible to adjust for exposure as usual.

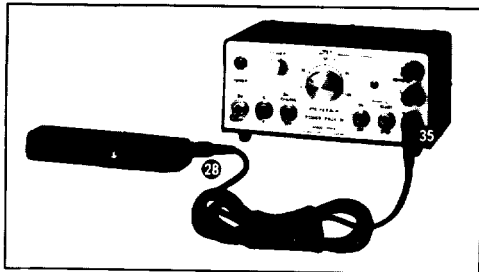
By pulling the Film Advance Lever slightly, away from the camera, to its click-stop position before halfway depressing the Trigger Release Button of Motor Drive MX, the Exposure Read-Out LED's will continue to glow even after removing your finger from the Trigger Release Button.

Moreover, even when the Film Advance Lever is flush with the camera body, the Exposure Read-Out LED's will continuously glow (other than the time the shutter is operating) during Consecutive Exposure (H-L) operation.

However, the Exposure Read-Out LED's (or Indicator Needle of the K2 DMD) will not function when the Trigger Release Buttons of Battery Grip M, Ni-Cd Battery Pack M, and Motor Drive MD (for K2 DMD) are halfway depressed. Exposure adjustments of the K2 DMD should be made in the same manner as with the Pentax K2.

## AS A MEANS OF RECHARGING Ni-Cd BATTERY PACK M

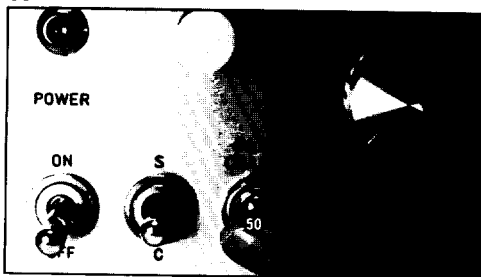
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**Fig. 54** Connect the AC Cord to Power Pack M and insert the plug into an outlet. Next, insert the plugs of 3m Power Cable M into the Remote Control Sockets of Ni-Cd Battery Pack M ② and Power Pack M, and set the C/S Dial of the Ni-Cd Battery Pack M to either C or S.

**Fig. 55** Then set the Battery Charge Switch ⑤ to BATT CHARGE. It take 10 - 15 hours to recharge Ni-Cd Battery Pack M with Power Pack M.

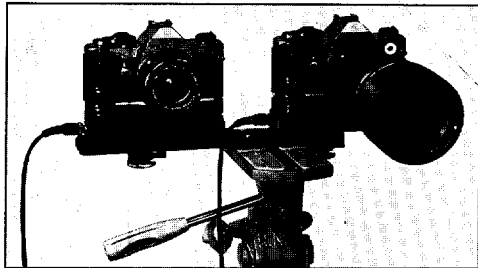
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57




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1. Two cameras can be used side-by-side for stereo photography.
2. Two or more cameras can be used to photograph the same subject with different focal length lenses.
3. Two cameras can be used, each with a different film type (e.g. color & black and white or reversal and negative).
4. Two or more cameras can be simultaneously used to photograph the same subject from different vantage points.

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**Fig. 56** One Remote Trigger Connector is connected to each of the cameras (refer to Fig. 44). The two cameras can then be simultaneously operated by shorting the contacts  of the Remote Trigger Connectors so that the plus and minus poles of camera A are connected to the opposite poles of camera B.

**Fig. 57 & 58** These two example photographs were taken with cameras mounted with 100 and 300mm lenses. Each camera was manned by a different photographer, one of which operated the Remote Trigger Connector Switch (made by connecting the contacts of the Remote Trigger Connectors with wire).



**ASAHI OPTICAL CO., LTD.** C.P.O. 895, Tokyo 100-91, JAPAN  
**ASAHI OPTICAL EUROPE N.V.** Weiveldlaan 3-5, 1930 Zaventem Zuid-7, BELGIUM  
**PENTAX Handelsgesellschaft mbH.** 2000 Hamburg 54 (Lokstedt), Grandweg 64, WEST GERMANY  
**ASAHI OPTICAL BRASILEIRA IND. E COM. LTDA.** Rua Estados Unidos, 1053, São Paulo-SP, BRASIL  
**PENTAX CORPORATION** 9 Inverness Drive East, Englewood, Colorado 80112, U.S.A.